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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/833,038	04/12/2001	Yasuhiro Nakai	1035-317	2393

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EXAMINER
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GREENE, DANIEL L

ART UNIT	PAPER NUMBER
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3621

DATE MAILED: 04/19/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/833,038

Applicant(s)

NAKAI ET AL.

Examiner

Daniel L. Greene

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*MLW*

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 09 March 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☐ Claim(s) \_\_\_\_\_ is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-21 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 2-6/03-3-2/04.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

## DETAILED ACTION

### *Response to Arguments*

1. Applicant's arguments filed 3/9/04 have been fully considered but they are not persuasive. The Applicant submits that both Morishita and Ginter fail to disclose or suggest that the first program is accessible and operable both before and after the releasing key operation as required by claim 1. The Applicant further submits that the cited art fails to disclose or suggest using a release key operation to allow accessibility to a subroutine program ... The Applicant did not challenge or describe why the cited references and sections were not applicable to the limitations that they addressed. The Examiner upon reviewing the sections specified in the previous Office Action maintains their applicability toward the limitations so stated. The Examiner will address the limitations with the applicable sections of the prior art in the following Office Action.
2. The Applicant has added to claims 1, 9, and 15, the additional limitation of, "a subroutine and is", and "wherein said first program is accessible and operable both before and after the releasing key operation." Further, the Applicant has added to claim 5, the first program being accessible prior to the releasing key operation; and wherein said releasing key operation determines whether the release key information matches release key information stored in memory and if so then making the second program accessible.
3. The Applicant did not provide the sections in the Specifications that support specifically wherein said first program is accessible and operable both before and after the releasing key operation. However, the Examiner submits that both the main

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programs in the Application and the Prior Art remain functional because neither of them teaches about the changes in the original operating program that would affect their accessibility or operability after the releasing operation. In fact, the Examiner submits that the original operating programs of the Application and the Prior Art by definition must maintain their operability because the purpose of the release key operation is to expand/complement the original operating program.

4. The Applicant did not provide the sections in the Specifications to show wherein said releasing key operation determines whether the release key information matches release key information stored in memory and if so then making the second program accessible. However, the Examiner submits that the normal procedure for a release key operation, as shown in the prior art, is a comparison with an internal key within a program, to an externally acquired key from the person desiring to control the use of the program.

5.

#### **DETAILED ACTION**

##### ***Claim Rejections - 35 USC § 103***

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

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2. Claims 1-21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Morishita et al. U.S. Patent 5,968,175 [Morishita], and in further view of Ginter et al. U.S. Patent 5,910,987 [Ginter]

3. As per claims 1 and 5:

4. Morishita discloses:

a program storing section for storing a first program for controlling basic operations of said electronic apparatus, and a second program that is a subroutine and is accessed in said first program so as to control an additional operation of said electronic apparatus;

a control section for implementing a desired operation by executing only said first program, or both said first and second programs; Col. 4, lines 25-37.

a system managing section that, that renders the additional operation implementable, makes said second program accessible in said first program. Col. 7, lines 5-20.

Morishita discloses the claimed invention except for the system managing section that, response to a releasing key operation. Ginter teaches that it is known in the art to provide a releasing key operation. Col. 46-47, lines 1-67. It would have been obvious to one having ordinary skill in the art at the time the invention was made to provide the software use method control system of Morishita with the releasing key operation of Ginter, in order to provide the control and security required to insure proper protocol is followed to receive the remuneration assigned to the use of the software program.

Morishita discloses the claimed invention, as discussed above, except for the step of wherein said first program is accessible and operable both before and after the releasing key operation. However, the Examiner submits that both the main programs in the Application and the Prior Art remain functional because neither of them teaches about the changes in the original operating program that would affect their accessibility or operability after the releasing operation. In fact, the Examiner submits that the original operating programs of the Application and the Prior Art by definition must maintain their operability because the purpose of the release key operation is to expand/complement the original operating program.

Since the applicant has not disclosed that wherein said first program is accessible and operable both before and after the releasing key operation solves any stated problem in a new or unexpected way or is for any particular purpose which is unobvious to one of ordinary skill and it appears that the claimed feature does not distinguish the invention over similar features in the prior art since, the teachings of Morishita will perform the invention as claimed by the applicant with any means, method, or product to wherein said first program is accessible and operable both before and after the releasing key operation.

6. The Applicant added to Claim 5, wherein said releasing key operation determines whether the release key information matches release key information stored in memory and if so then making the second program accessible. However, the Examiner submits that the normal procedure for a release key operation, as shown in the prior art, is a

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comparison with an internal key within a program, to an externally acquired key from the person desiring to control the use of the program.

As per claims 2, 6, 10, and 16:

Morishita further disclose:

wherein said releasing key is produced using at least information peculiar to said apparatus. Col. 69, lines 30-40.

As per claims 3, 7, 11, and 17:

Morishita further discloses:

said electronic apparatus is connected with a managing side via a wide-area network; and the managing side carries out the releasing key operation by remote control. Fig. 8.

As per claims 4, 8, 14, and 20:

Morishita further discloses:

said program storing section stores a plurality of second programs; and with respect to a certain combination of said second programs, said system managing section renders said second programs implementable by only one releasing-key operation. Col. 14, lines 12-67

As per claims 9 and 15:

Morishita discloses:

a program storing section for storing a first program for controlling basic operations of said electronic apparatus, and a second program that is accessible in said first program and controls an additional operation of said electronic apparatus; Fig. 14.

a control section for implementing a desired operation by executing only said first program, or both said first and second programs; Fig. 9

Morishita discloses the claimed invention except for the a system managing section that, in response to a releasing key operation, makes said second program accessible by said first program, said management system comprising a key issuing section on a managing side, said key issuing section issuing said releasing key upon confirming that a predetermined procedure has been conducted by a user side.

Ginter teaches that it is known in the art to provide a system managing section that, in response to a releasing key operation, makes said second program accessible by said first program, said management system comprising a key issuing section on a managing side, said key issuing section issuing said releasing key upon confirming that a predetermined procedure has been conducted by a user side. Col. 53-56, lines 1-67.

It would have been obvious to one having ordinary skill in the art at the time the invention was made to provide the software use method control system of Morishita with the system managing section that, in response to a releasing key operation, makes said second program accessible by said first program, said management system comprising a key issuing section on a managing side, said key issuing section issuing



said releasing key upon confirming that a predetermined procedure has been conducted by a user side of Ginter, in order to provide the control and security required to insure proper protocol is followed to use the software program.

Morishita discloses the claimed invention, as discussed above, except for the step of wherein said first program is accessible and operable both before and after the releasing key operation. However, the Examiner submits that both the main programs in the Application and the Prior Art remain functional because neither of them teaches about the changes in the original operating program that would affect their accessibility or operability after the releasing operation. In fact, the Examiner submits that the original operating programs of the Application and the Prior Art by definition must maintain their operability because the purpose of the release key operation is to expand/complement the original operating program.

As per claims 12 and 18:

Morishita further discloses:

wherein, on said managing side, said key issuing section issues said releasing key in response to entrance into a use contract or payment of a use fee. Col. 32, lines 1-37.

As per claims 13 and 19:

Morishita further discloses:

wherein history information relating to say said managing side manages issuance of a releasing key. Col. 33, lines 1-45.

As per claim 21:

Morishita further discloses:

wherein said releasing key operation comprises, in response to a request by the electronic apparatus, the electronic apparatus receiving release key information from a service center remote from the electronic apparatus and determining whether the release key information matches release key information stored in memory and if so then making the second program accessible. Col. 7, lines 5-25.

Examiner's Note: Examiner has cited particular columns and line numbers in the references as applied to the claims below for the convenience of the applicant.

Although the specified citations are representative of the teachings in the art and are applied to the specific limitations within the individual claim, other passages and figures may apply as well. It is respectfully requested from the applicant, in preparing the responses, to fully consider the references in entirety as potentially teaching all or part of the claimed invention, as well as the context of the passage as taught by the prior art or disclosed by the examiner.

***Conclusion***

7. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Daniel L. Greene whose telephone number is 703-306-5539. The examiner can normally be reached on M-Thur. 8am-6pm.

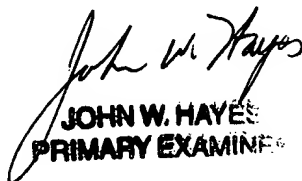
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James P. Trammell can be reached on 703-305-9768. The fax phone number for the organization where this application or proceeding is assigned is 703-305-7687.

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-1113.

4/13/04

DLG

  
JOHN W. HAYES  
PRIMARY EXAMINER